Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 08 Mar 2022 until 23:59 on Wednesday 09 Mar 2022

Forecast Issued on Tuesday 08 Mar 2022 at 02:39

Confidence: High for significantly more unsettled than off late, but lowering confidence for the detail of worst of conditions.

Headline for Tuesday 08 Mar 2022: Dry, bright but very cold start. Lifting freezing level, severe gales and occasional rain and summit snow later.

Mountain weather hazards on Tuesday 08 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Cloudy	Sleet	Fog
Precipitation probability					
00%	00%	00%	20%	80%	70%

Forecast for Tuesday 08 Mar 2022

Weather: A fine, dry morning with prolonged periods of spring sunshine, but feeling very cold with very low freezing levels and summit gales. Cloud gradually thickening from the west during the afternoon, with occasional rain crossing the area for the evening, falling as snow above around 900m.

Chance of cloud-free hill tops above 800m: Near 100% at first becoming 20% during the evening.

Low cloud and visibility: Good or very good, becoming moderate or poor in later rain, very poor in snow and within cloud with bases frequently lowering 600-800m in later rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 08 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	51/60 SE	49/59 SE	42/53 SE	44/55 SE	52/65 S	44/56 S	35/46 S
600	39/51 SE	36/47 SE	34/45 SE	35/47 SE	40/55 S	37/51 S	31/44 S
300	9/33 S	12/35 SE	16/41 SE	16/42 SE	17/46 S	16/40 S	13/33 S
Valley	3/21 SE	8/27 SE	15/37 SE	15/38 SE	16/40 S	16/36 S	12/29 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-5/-16	-2/-13	-1/-10	1/-8	2/-8	1/-8	1/-8
600	-3/-14	-2/-11	2/-6	4/-3	4/-4	3/-4	2/-5
300	-1/-5	2/-3	5/0	7/3	6/2	5/1	4/0
Valley	1/-0	3/0	7/3	9/5	8/4	7/4	7/3
Freezing Level*	00m	100m	500m	900m	1100m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill at height through to late morning. Also difficult conditions later with risk storm force winds early evening, combined with quite extensive hill fog.

Forecast for Wednesday 09 Mar 2022

Weather: Mainly dry for much of the day with some brighter spells breaking through the quite extensive veil of higher cloud. Cloud thickening to spread periods of occasionally heavy rain from the west late afternoon and early evening, which turns lighter and patchy late evening, falling as snow above 900m for a time.

Maximum wind: South or southeast mean 45-50mph with gusts reaching 65mph across most exposed ridges and summits. Winds easing gradually from mid-day.

Chance of cloud-free hill tops above 800m: 70% at first becoming 10% or less from early evening.

Low cloud and visibility: Good or very good, becoming moderate or poor in rain, very poor in snow and within cloud with bases occasionally lowering 600-800m for much of the day, becoming widespread in later rain, with patches lower down.

Temperature: **Valleys:** Zero Celsius increasing plus 12 Celsius during the afternoon
At 800m: Plus 1 Celsius increasing 3 Celsius
Freezing level: 900m rising 1200m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 7 March Location: Helvellyn summit at 13:00. Full report: Another stunning day on Helvellyn with high pressure dominating. A freeze to valley level overnight meant a good frost and plenty of ice on the paths this morning. The snowline starts at roughly 700m, however, distribution varies considerably from very little or nothing on sunny (south-facing) aspects to drifts over 50cm deep on high north and east-facing slopes. In these areas, old patches of hard refrozen snow (névé) are present underneath fresher snow that fell a couple of days ago. In the current conditions crampons and ice axe are essential for anyone venturing onto the snow and or steep & exposed terrain. This includes the exits to Striding & Swirral Edges where there are unavoidable banks of steep and icy snow above a large and rock studded drop. Any slip not quickly stopped with an ice axe could result in a long fall with very serious consequences. In general the crests of the Helvellyn ridges are dry rock, however there is still plenty of icy snow on their northern flanks which is a hazard on some of the 'easier' bypass paths. On other popular routes, compacted snow from walkers' feet is often well frozen and icy (particularly in shaded areas) making microspikes a very sensible addition to your rucksack. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a map, compass, and headtorch are all essential items for anyone venturing out into the hills. Temperature: minus 3.2C, Maximum wind speed 15.9mph, Wind chill: minus 10.2C, Average wind speed: 8.6mph

Issued at: 02:39 on Tue 08 Mar 2022

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